



AGFA INCORPORATED

ROCKLEIGH, NEW JERSEY 07647

TELEPHONE: (AREA CODE 201) 768-9000

Gentlemen:

Thank you very much for your interest in Agfa products. The literature you requested is enclosed and we hope you will find it informative and helpful.

The AGFA RECORDING CAMERA has been utilized extensively for recording of e.g.

Time and motion studies
Surveillance
Plant and machine supervision
Instrument reading

With remote control units an entire system has been built around this camera, which allows periodic intervals from two exposures every second up to one exposure every 24 hours. A series of interchangeable lenses of the highest quality with focal lengths from 35 to 180 mm, control units to operate more than one camera simultaneously, ground glass for critical focusing, as well as many other features round out this system.

We welcome this opportunity to send you the information you have requested and are confident that the AGFA RECORDING CAMERA complies best with your special needs.

If additional information is required or if we may be of further service, please call upon us.

Sincerely,

(Miss) Maria A. Curry
Industrial Department
Special Products Sales

MC/fd-LP
Encl.

PRICE LIST

AGFA RECORDING CAMERA



CAMERA

3900/260	Recording Camera with 1/500 sec shutter . . .	\$ 308.50
3900/261	Recording Camera with 1/100 sec shutter . . .	308.50
3907/000	Recording Camera with controlled B shutter. .	308.50
3906/000	Recording Camera with controlled B shutter with Solagon	

CAMERA ACCESSORIES

3911/000	Back plate	28.20
9030/000	Camera stand	47.80
3921/000	Ground glass	7.60
3922/000	Focusing mirror	17.15
9043/000	Oscilloscope adapter	

MOTOR, CURRENT SUPPLY

3910/000	Drive motor 12V D.C.	217.50
3917/000	Drive motor 24V D.C.	217.50
9033/000	Current supply unit 12/24V D.C.	429.50

MAGAZINES, ACCESSORIES

3912/000	55 ft magazine	144.00
3914/000	Wind-off cartridge	6.87
3913/000	Wind-on cartridge	4.62
3915/000	55 ft film spool	4.17
3916/000	Set consisting of items 3912 to 3915/000. . .	159.65
3925/000	Adapter for 200 ft and 400 ft magazine . . .	

LENSES

4401/020	Ambion, 35 mm, f/4 wide angle lens	40.70
4400/020	Solinar, 50 mm, f/2.8 standard lens	40.70
4402/020	Telinear, 90 mm, f/4 telephoto lens	47.25
4403/020	Telinear, 130 mm, f/4 telephoto lens	76.00
4415/020	Telinear, 180 mm, f/4.5 telephoto lens . . .	130.00
3923/000	Adapter for item 4415/020	
3906/000	Solagon D II, 60 mm, f/4.5 (see under CAMERA)	
3918/000	Close-up lens I 19" - 40"	4.09
3919/000	Close-up lens II 13" - 20"	4.09
3920/000	Close-up lens III 10" - 13"	4.09

FILTERS

6330/355	Light yellow	screw-in filter, 35.5 mm	. . . \$	3.75
6331/355	Medium yellow	" "	" . . .	3.75
6332/355	Yellow green	" "	" . . .	3.75
6333/355	Red orange	" "	" . . .	3.75
6334/355	U.V.	" "	" . . .	3.75
6335/355	R 1.5	" "	" . . .	3.75
6330/370	Light yellow	slip-on filter, 37 mm	. . .	3.75
6331/370	Medium yellow	" "	" . . .	3.75
6332/370	Yellow green	" "	" . . .	3.75
6333/370	Red orange	" "	" . . .	3.75
6334/370	U.V.	" "	" . . .	3.75
6335/370	R 1.5	" "	" . . .	3.75

CONTROL UNITS

9040/000	Control Unit V	. . . . .	123.50
9041/000	Control Unit VB	. . . . .
9035/000	Control Unit B1 - 12 V D.C.	. . . . .	285.50
9031/000	Control Unit B2 - 24 V D.C.	. . . . .	285.50
9036/000	Control Panel for item 9035/000	. . . . .	60.90
9032/000	Control Panel for item 9031/000	. . . . .	60.90
9034/000	Control Unit A	. . . . .	1,000.50

All prices F.o.b. - Warehouse Rockleigh, N.J.
Warehouse Glendale, Calif.

Prices subject to change without notice

Terms: Net 30 days



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AGFA RECORDING CAMERA

EXAMPLES OF SYSTEMS FOR VARIOUS APPLICATIONS

SYSTEM I

Control Panel observation or Zoology

3900/260	Camera with 1/500 sec shutter	\$ 308.50
3910/000	Motor assembly	217.50
4400/020	Solinar lens (or other)	40.70
3916/000	55 ft magazine, wind-on, wind-off cartridge, film spool	159.65
9030/000	Camera stand	47.80
9040/000	Control Unit V	123.50
Total		\$ 897.65

SYSTEM II

Oscilloscope photography

3907/000	Camera with B shutter	\$ 308.50
3910/000	Motor assembly	217.50
4400/020	Solinar lens (or other)	40.70
3920/000	Close-up lens III	4.09
3911/000	Back plate	28.20
9043/000	Oscilloscope adapter (specify make)	
9041/000	Control Unit VB	

SYSTEM III

Secura protection systems for Banks, Industry, Surveillance, etc.

3900/260	Camera with 1/100 sec shutter	\$ 308.50
3910/000	Motor assembly	217.50
4400/020	Solinar lens (or other)	40.70
3916/000	55 ft magazine, wind-on, wind-off cartridge, film spool	159.65
9030/000	Camera stand	47.80
9035/000	Control Unit B	285.50
Total		\$1,059.65

SYSTEM IV

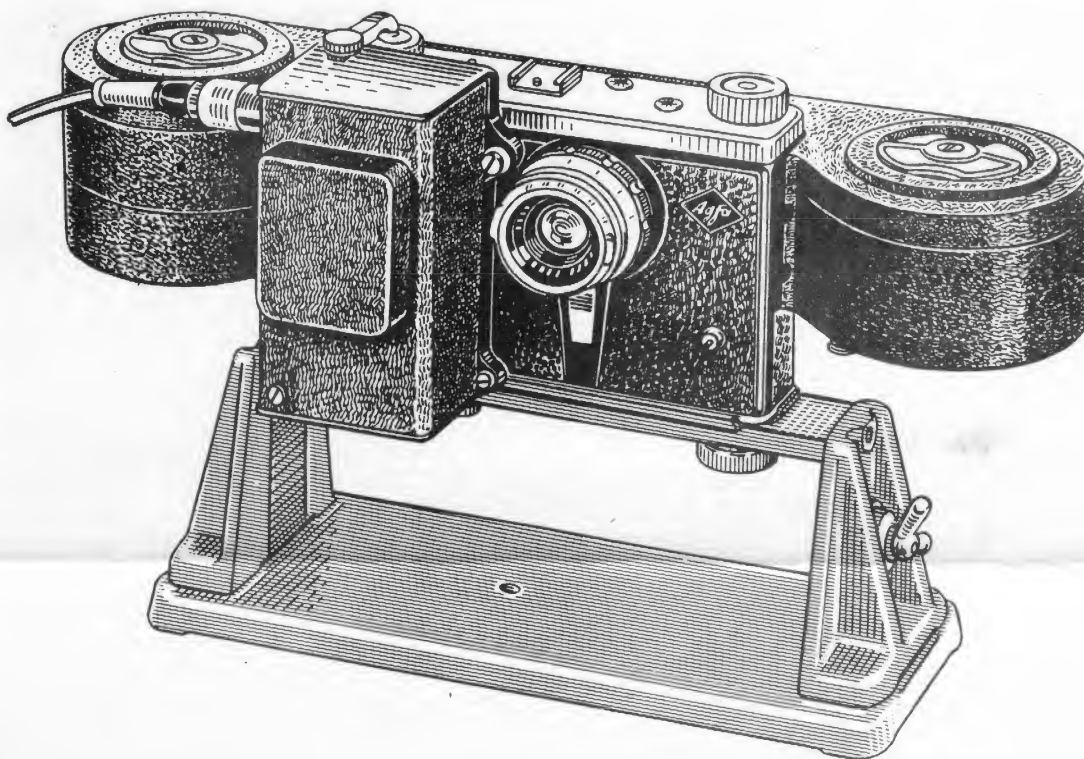
Material testing

3907/000	Camera with B shutter	\$ 308.50
3910/000	Motor assembly	217.50
4400/020	Solinar lens (or other)	40.70
3916/000	55 ft magazine, wind-on, wind-off cartridge, film spool	159.65
9030/000	Camera stand	47.80
9034/000	Control Unit A	1,000.50
Total		\$1,774.65

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The Agfa Recording System is one of the most versatile available to science and industry.

Designed for automatic photographic recording of movements or operations, instrument or scope readings, time lapse studies, surveillance, aerial photography . . . , wherever accurate photographic records are needed over long periods of time.

Various applications for:

Material testing	Chemistry
Meter readings	Biology
Microscopy	Meteorology
Production control	Security systems
Laboratory tests of all kind	Aviation
Medicine	Navigation

Multiple modification of camera system - endless number of applications.

CAMERA

- RCE 100 - Camera with shutter speed fixed at 1/100 sec
- RCE 500 - Camera with shutter speed fixed at 1/500 sec
- RCB - Camera with electronically controlled "B" type shutter, designed for application requiring longer exposures (1/25, 1/8, 1/4, 1/2, 1, 2, 3, 4, 8 sec. B)
- RCB - Camera with built-in sixelement f:4.5 Color Solagon lens for reproduction use

All camera units handle 35mm film perforated on both sides.
Able to use standard miniature cartridge
special 55ft film magazine
adapters for 200 to 400 ft film magazines

Picture format 24 x 36 mm

Film advancement and shutter setting motor-driven or manually.

Sturdily constructed shutters guarantee hundred of thousands of uniform openings and closings

Exposure rate from 2 pictures per second to 1 picture per 24 hours

Five interchangeable lenses with 35, 50, 90, 130, and 180 mm focal length; specially corrected Solagon lens with 60 mm for close-up work

Synchronization contact for electronic flash gun.

Built-in film counter to show number of exposures left on film

For focusing by means of an attachable ground glass, an opening mechanism for the shutter is provided

Perfect reliable performance under extreme climate conditions
- 22°F to 176°F.

MOTOR ASSEMBLY

Attached to camera at the factory.

Electromagnet permits automatic shutter operation using a remote control unit

In addition, the release key may be operated manually

Advances film after exposure and sets the shutter

Exposure rate from 1 picture per 24 hours to 2 pictures per second

At the end of film the circuit for the film transport is automatically interrupted

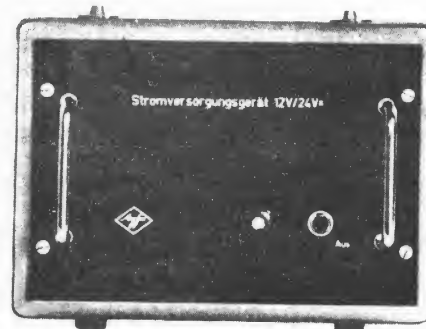
POWER REQUIREMENTS

12V D.C. battery (special model for 24V D.C.)

Optional current supply unit connected to standard A.C. lines gives 12V respectively 24V D.C. output for camera motor and remote control units

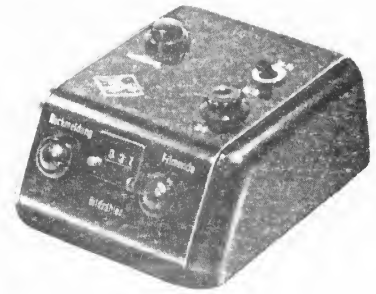
Current supply unit can provide power for three cameras depending on the control unit to be used.

Current Supply Unit
12V/24V D.C.



Control Unit V

Remote release and shutter setting.
Frame counter.
Operation control with signals

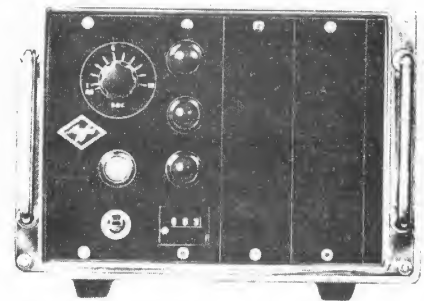


Control Unit VB

Remote release and shutter setting
Remote exposure time setting for
RCB camera with B shutter
Frame counter
Operation control with signals

Control Unit B

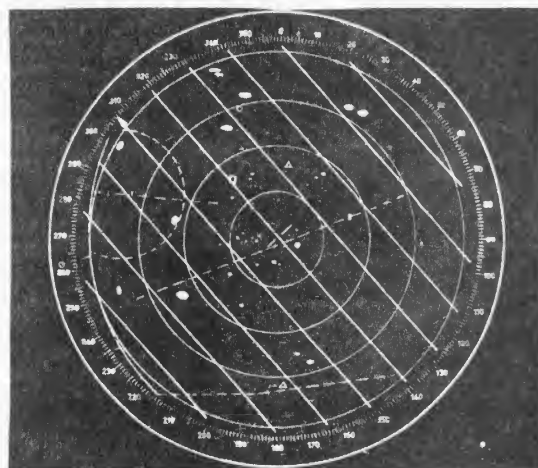
Setting for taking pictures
continuously at a rate from
2 pictures per second to one
picture every 10 seconds
Remote release and shutter setting
Frame counter
Operation control with signal
Up to 3 cameras can be connected
and controlled simultaneously



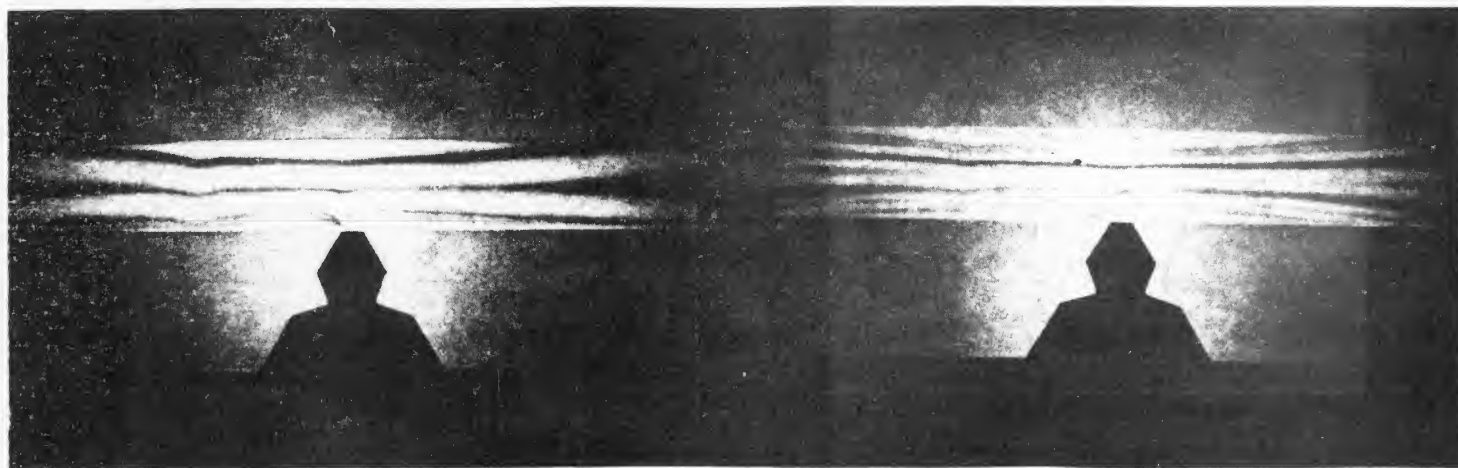
Control Unit A

Setting for continuous picture taking
at a rate from 2 per sec. to 1 per
24 hours
Remote release and shutter setting
Remote exposure time setting for RCB
camera with B shutter
Frame counter
Operation control with signal

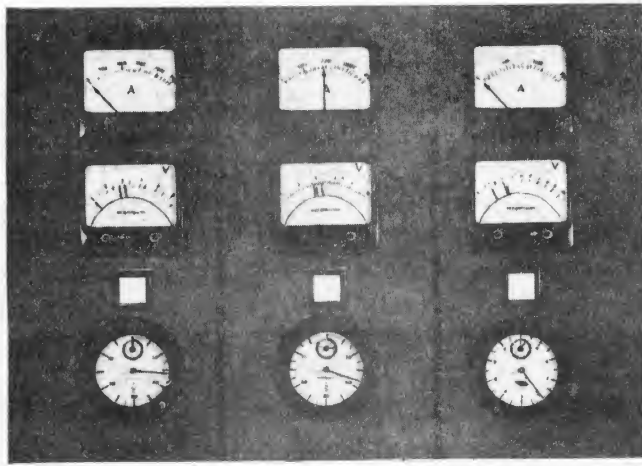
Radar scope recording



Interchangeable lenses
from 35mm to 180mm



Behaviour of a plastic baton under pressure
- observed optically

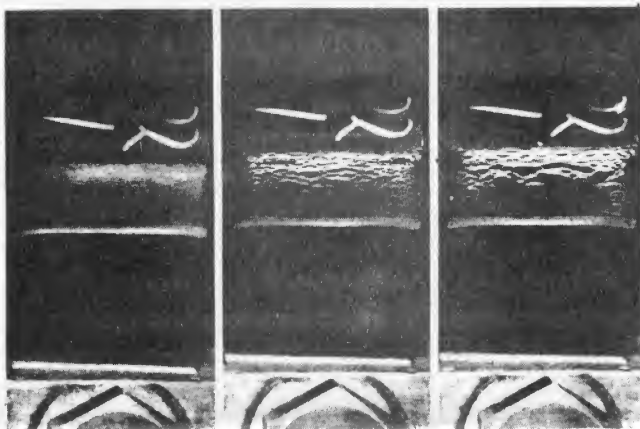
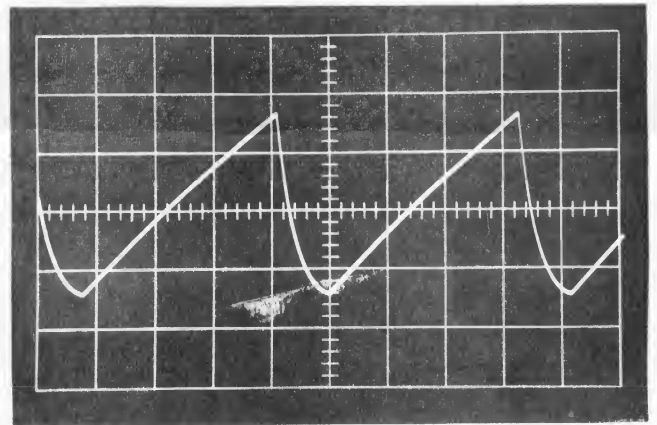


Meter reading

Recording of meters and instrument settings for later processing either in determined intervals by means of a control unit or that the monitored instruments trigger the camera when significant deviations in the readings occur

Oscilloscope photography

In many applications the recording of an oscilloscope screen is required. Unattended tests may be recorded by setting the camera to take pictures in certain time sequences



Material testing

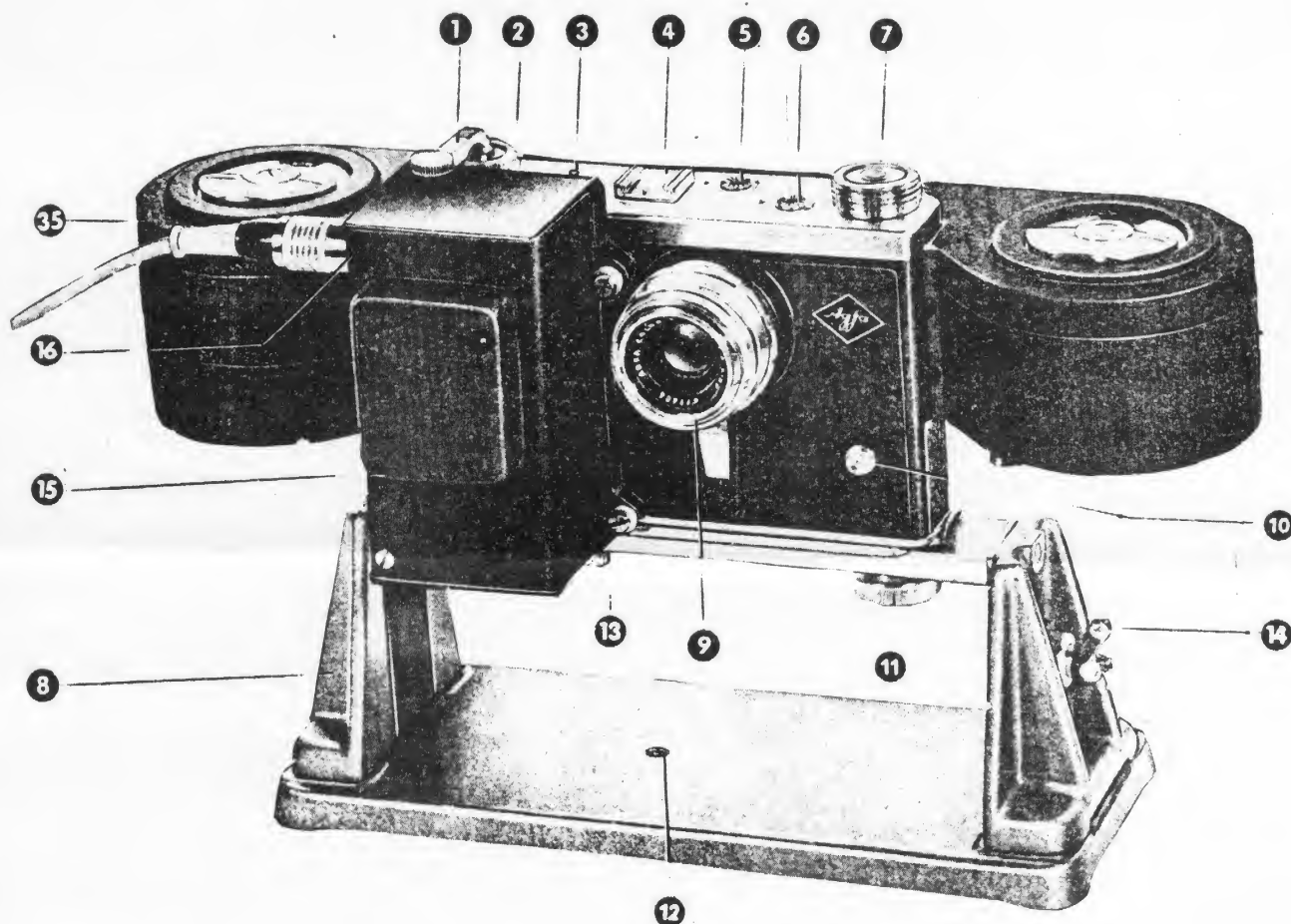
Deformation of a piece of rubber exposed to different amounts of tension

Begin of test and release for recording through control unit and testing equipment

Security system

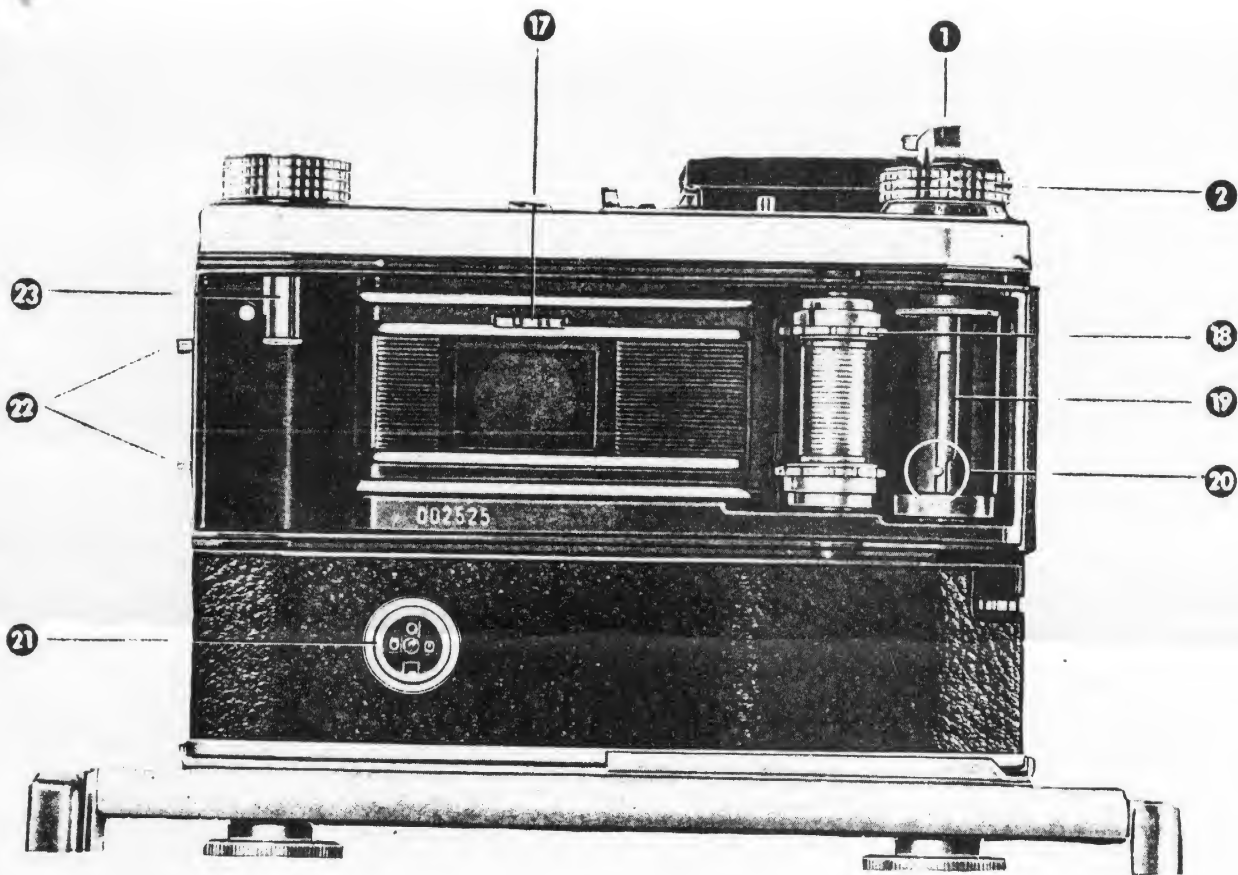
Photographic observation of banks, stores, etc. for protection purposes. Single picture or series of pictures released manually or through control unit and alarm system





Explanation of the main illustrations

- | | |
|--|--|
| <p>1 Release key</p> <p>2 Film transport knob, release and counter for 36-exposure cassette</p> <p>3 Release knob for full opening of the shutter</p> <p>4 Accessory shoe for ground glass focusing screen, deflection mirror, etc.</p> <p>5 Milled disk for film transport</p> <p>6 Milled disk for setting the automatic circuit breaker at film end</p> <p>7 Rewind knob (for 36 mm. cassettes only)</p> <p>8 Camera supporting bracket, type 9030 (accessory for the recording camera)</p> <p>9 Camera lens, beneath it locking catch for changing the lens</p> <p>10 Flash connection with thread for securing nut</p> <p>11 Tripod bush screw for securing the camera</p> | <p>12 Tripod bush on the camera supporting bracket for securing to a heavy-duty tripod or for fixing in a permanent position</p> <p>13 Tripod bush screw for securing the camera</p> <p>14 Clamping lever for arresting the angle of inclination</p> <p>15 Motor block</p> <p>16 Electrical connection for 5-pole lead with securing nut</p> <p>17 Measuring wheel for film transport control</p> <p>18 Double sided film transport roller</p> <p>19 Take-up spool</p> <p>20 Film perforation lug</p> <p>21 Electrical connection for 3-pole lead with securing nut</p> <p>22 Guide pin for attaching the camera back or 55 ft. (17 m.) magazine</p> <p>23 Drive collar of the rewind knob</p> <p>24 Top plate of the 55 ft. (17 m.) magazine</p> |
|--|--|



- 25 Film key for locking the take-up cassette
- 26 Film key for locking the feed cassette
- 27 Take-up cassette
 - a Upper part of take-up spool
 - b Slotted spindle and spring for securing the film
 - c Lower part of take-up spool with insert sleeve
 - d Upper part of take-up cassette
- 28 Film transport wheel
- 29 Film guide slit
- 30 Film guide plate
- 31 Film guide rollers
- 32 Film pressure plate
- 33 Film guide slit
- 34 Feed cassette
- 35 55 ft. (17 m.) magazine

